

Foreword

This volume is the Proceedings of the Ninth Symposium on Antarctic Meteorites which was held on March 22 through 24, 1984, at the National Institute of Polar Research (NIPR), Tokyo. In the Symposium, 58 scientific papers were presented, but 22 papers among them are submitted to this volume of proceedings. These papers are two papers on field research works for Antarctic meteorites, nine papers on petrological and mineralogical studies, eight papers on chemical analysis and three papers on physical properties of Antarctic meteorites.

The NIPR Symposium on Antarctic Meteorites has been held in every year since 1977 and the proceedings of each symposium is currently published before the opening of the succeeding symposium in the next year, in order to keep a continuity of the scientific stream of Antarctic meteorite research. It seems likely, however, that a strict deadline date limit for submitting the scientific paper manuscripts for the annual publication of the symposium proceedings may lead to a certain difficulty in putting together all the scientific papers presented in each annual symposium into a single volume of proceedings. It is sincerely hoped that all the significant results of Antarctic meteorite research which were presented in the ninth symposium but are missed in the present volume will be published in more complete forms with possible additional new data in the later volumes of proceedings of the NIPR Symposia on Antarctic Meteorites in the near future.

In the compiled meteorite papers in this volume, it may be noticed that some meteorites in the 1979 collection of Antarctic meteorites of a large number appear to be of some new types, which have not yet been well known and therefore need further studies in detail. It seems thus that cooperative studies on Antarctic meteorites are steadily getting a constructive progress year by year. It is hoped that this volume also could be another milestone in the course of steady progress in meteorite research toward clear understanding the solar system history.

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Editor